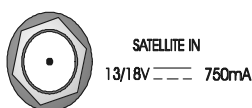# Chapter 3
Using the System

BACK PANEL CONNECTIONS

For information on wiring, and wiring diagrams, see the installation instructions in *Chapter 4*. It includes information on installing multi-dish setups and switches.

SATELLITE

SATELLITE IN
13/18V ⎓ 750mA

Connect the coaxial cable from the satellite dish to the receiver using this input.
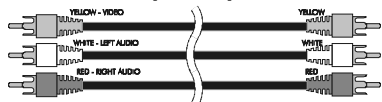
TV SET OUT CONNECTION

TV SET
OUT

The back panel TV Out connection provides good video and mono (non-stereo) audio quality.

TV ANTENNA/CABLE IN

TV ANTENNA/
CABLE IN

If you connect a cable TV box or a broadcast TV antenna to the receiver, use the back panel TV Antenna/Cable In connection for the local signal.

PHONO (RCA) AUDIO/VIDEO OUTPUTS

YELLOW - VIDEO   YELLOW
WHITE - LEFT AUDIO   WHITE
RED - RIGHT AUDIO   RED

The back panel phono (RCA) audio/video outputs provide good picture quality and stereo sound. If the TV has only one input for this type of audio, connect it to the right (R) phono (RCA) audio output on the receiver.

WARNING!

Tighten the coaxial cable connections only by hand.

Tip: If you connect a VCR to the receiver, you must also set both the VCR channel switch and viewing channel to this same channel.

If you use the phono (RCA) audio/video outputs to connect the receiver with other devices, you may need to use the menus displayed by each device to change the input from local broadcast TV to satellite TV. See the user manuals that came with the other devices for more information.

SUPER VIDEO (S-VIDEO) OUTPUT

The receiver provides S-VIDEO, which supports the highest quality video available. If you use this back panel output for video, you *must* still connect the audio using the Phono (RCA) Audio Outputs.

CHANNEL 3/4 SWITCH

If you use the TV Set Out to connect the receiver to a television, set this switch to the channel for the signal output. Select a channel that is not being used by a cable or local television channel.

TELEPHONE JACK

Connect a telephone cable with a standard RJ-11 telephone connector to the receiver here, and then connect the cable to an active telephone line.

Note: The receiver *must* be connected at all times to an active telephone line. If you install two or more receivers, each receiver *must* be connected at all times to an active telephone line.

USING THE REMOTE CONTROL

The following section describes how to use the remote control with your satellite receiver. You can also use the remote to control your VCR and other devices. See *Control Other Devices with the Remote* on page 53.

SAT MODE BUTTON

Press this button to set the remote to SAT mode, to control the receiver. The SAT mode button's back light turns ON briefly to show that the remote is set to SAT mode.

Note: Make sure to keep the remote in SAT mode to use the buttons that are described here.

AUXILIARY (AUX) MODE BUTTON

If you set up the remote to control the TV and do *not* set up the remote in AUX mode, then with the remote in SAT mode you can press the AUX mode button to turn the TV ON and OFF.

TV/VIDEO BUTTON

If you connect the receiver using its back panel TV Antenna/ Cable In and TV Set Out connections, use this button to switch the receiver between the satellite signal (routed into the receiver's Satellite In input) and another video signal such as cable or broadcast TV antenna input (routed into the receiver's TV Antenna/Cable In input).

POWER BUTTON

Press this button to turn the receiver ON or OFF. The green Power light on the receiver front panel lights up to show that the receiver is ON, and goes out to show that the receiver is OFF.

MENU BUTTON

MENU

Press this button to open the **Main Menu.**

PAGE UP AND PAGE DOWN (ARROW) BUTTONS

PAGE

Press the Page Up button or the Page Down button to scan, page by page, through the **Program Guide**, a **Theme Categories** list, a **Favorite List**, an **Event Timers** list, or a list of channels.

MUTE BUTTON

Press this button to turn off the sound. Press it again to restore the sound.

Note: You must program the remote to control your TV for the Mute button to work as described.

VOLUME BUTTON

VOLUME

Press the minus (-) side of this button to lower the sound volume. Press the plus (+) side of this button to raise the sound volume.

Note: You must program the remote to control your TV for the Volume button to work as described.

TV or Amplifier Volume Control

If you set up the remote to control a television, the **Mute** and **Volume** buttons - in *any* mode - control the TV volume. This does *not* apply if you use the **AUX** mode to control a device that has a volume setting.

If you want to control a device programmed in the Aux mode that has a volume setting, using any remote mode, do the following:

1. Press and hold the AUX mode button for three seconds, then release it.

2. Press the Pound (**#**) button.

3. Press the plus (+) side of the Volume button.

4. Press the 0 number button.

5. Press the Pound (**#**) button. The AUX mode button backlight blinks three times.

To switch back to TV volume control, do the following:

1. Press and hold the TV mode button for three seconds, then release it.

2. Press the Pound (**#**) button.

3. Press the plus (+) side of the Volume button.

4. Press the 0 number button.

5. Press the Pound (**#**) button. The TV mode button backlight blinks three times.

GUIDE BUTTON

Press this button to open the **Program Guide**. When the **Program Guide** is open, press this button to switch among **Favorite Lists**.

Up/Down/Left/Right (Arrow) Buttons

- When using a menu, press these buttons to move the highlight to an option.

- When watching a program, press the Right button to open the **Browse Banner** or the Up or Down button to change channels.

- When the **Browse Banner** is open, press the Up or Down button to see the **Browse Banner** for the next channels.

Note: The Browse Banner, like the Program Guide, shows information on current and future programs. It cannot show information on programs that have ended.

- When a menu offers a list of choices, press the Up or Down button to see more choices.

- When the **Program Guide** is open, press these buttons to move the highlight among the programs.

- When the **Browse Banner** is open, press the Right or Left button to obtain information on the next program that will be on that channel.

- When watching a program, press the Left button to open the **Theme Categories** menu.

Select Button

Press this button to select a highlighted option or program in a menu.

Recall Button

Press this button to return to the last channel you were watching. Press it again to switch between the last two channels that you watched.

INFORMATION (INFO) BUTTON

Press this button for more information when the **Program Guide** or the **Browse Banner** is open, or when watching a program.

- When a menu is open that includes a **Help** option, press this button to see help information for that menu.

- Highlight a program in a **Theme Categories** list and then press this button for more information on that program.

- When the receiver is OFF, press this button to open the **Important System Information** menu.

VIEW BUTTON

Press this button to return to watching a program.

- If you are watching a program, press this button to briefly display the **Program Banner**.

- While using any menu, press this button to cancel a procedure and return to watching a program.

CANCEL BUTTON

Press this button to cancel a procedure and to return to the previous menu or to watching a program.

SYSTEM INFORMATION BUTTON

Press this button to open the **Important System Information** screen.
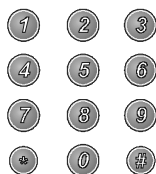
RECORD BUTTON

Press this button to start recording a program on a connected VCR.

Tip: When you're in the Program Guide, a Theme Category or a Favorites List use the Information button to get a description of the program, the names of the actors, and other important details.

NUMBER BUTTONS

When watching a program or with the **Program Guide** open, use these buttons to enter a channel number to change to that channel.

- When the **Program Guide** is open, you can skip ahead and then back a number of hours. Just enter the number you want to skip ahead (or back), and then press the Right (or Left) arrow button.

- Use these buttons to enter menu option numbers. For an option that has a number, you may do this *instead* of highlighting the option and then pressing the Select button.

- Use these buttons to enter numbers in a menu:

    - Highlight the place where you want to enter the first number, and press the appropriate number buttons on the remote.

    - Use the Left or Right arrow button to move the highlight to the next place where you want to enter a number. When you are done entering numbers, press the Select button.

CHANGING THE REMOTE CONTROL ADDRESS

Note: Do *not* change the address of the remote unless absolutely necessary because the remote cannot control the receiver if the two devices have different addresses. If you start doing this procedure and then do not press any button for 20 seconds, the remote will end the procedure. Just start over again.

Remote Address:

_____

1. Press the Sys Info button on the remote control to display the **Important System Information** menu. Note the **Remote Address** shown on this menu.

SYS INFO

IMPORTANT SYSTEM INFORMATION

Model ID	DP301
Receiver CA ID	R01234567-89
Smart Card ID	S01234567-89
Software Version	DNASP240 Rev000
Boot Strap Version	16ABCDEF
Customer Service	1-800-333-DISH (3474)
Internet Address	http://www.dishnetwork.com
Remote Address	4
Location ID	24601

OK

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2. Press and hold the Sat mode button until all the mode button backlights come on (it takes about three seconds). Release the Sat mode button.

3. Use the number buttons to enter a number from 1 to 15. The Sat mode button backlight will blink off after you enter each digit, and then come on again. Write the new address in the space provided.

New Address:

_____

4. Press the Pound button. If the address you entered is valid for the remote control, the Sat mode button backlight flashes three times.

5. Press the Record button. The **Remote Address** on the Important **System Information Screen** menu should match the one you entered.

6. To check the address, press and hold the Sat mode button for three seconds. Then press the Pound button twice. The Sat mode button backlight flashes the same number of times as the address.

7. Press the Select button.

MENU OPTIONS

A menu option looks like this.

`1 PROGRAM GUIDE`

HIGHLIGHTING A MENU OPTION

To highlight a menu option, use the remote control Arrow buttons to move the on-screen highlight to the menu option. When you do this, the option appears lighter than the other options. The highlight is like the one that you may have seen on a computer screen.

Compare the highlighted menu option with the non-highlighted menu option example above.

`1 PROGRAM GUIDE`

SELECTING A MENU OPTION

When you select a menu option, that option takes effect right away. You can select a menu option in either of two ways:

- If the option has a number next to it, press the number on the remote control number pad that matches this number. If you do this, you do not need to highlight the option first.

- Move the highlight to the menu option using the remote control Arrow buttons. Then press the remote control Select button.

LISTS OF CHOICES IN THE MENUS

When you make a choice in a list, the receiver does not apply the change until you select the **Save** or **OK** option. If you do not want to save any changes, select the **Cancel** option to discard all the changes made in the menu.

There are two types of lists:

- A *single choice* list allows you to select *only* one choice at a time. If you select another choice, your previous choice is deselected.

- A *multiple choice* list allows you to select more than one choice at one time. If you select another choice, your previous choice(s) stays selected.

HIGHLIGHTING A CHOICE IN A MENU LIST

Use the remote control Arrow buttons to move the highlight to the desired item in the list. The black arrows on the list show where you can move the highlight.

Tip: To quickly go to any menu option with a number next to it, just press the numbers on the remote that match that number.
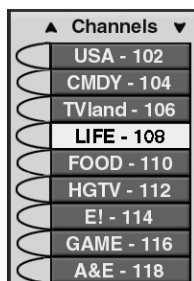
SELECTING A CHOICE IN A MENU LIST

To select a choice in a list, highlight the choice and then press the remote control Select button. Make sure you select the **Save** or **OK** option to save your choice. Select the **Cancel** option to discard your choice.
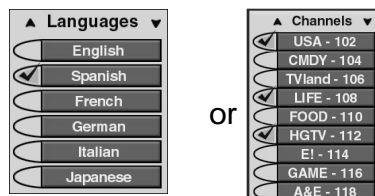
When you highlight a choice in a single choice list, it looks like this. In this *example*, the **Spanish** option is highlighted.

▲ Languages ▼
English
Spanish
French
German
Italian
Japanese

When you highlight a choice in a multiple choice list, it looks like this. In this *example*, the **LIFE - 108** option is highlighted.

▲ Channels ▼
USA - 102
CMDY - 104
TVland - 106
LIFE - 108
FOOD - 110
HGTV - 112
E! - 114
GAME - 116
A&E - 118

When you select a choice in a list, it looks like this:

▲ Languages ▼
English
✓ Spanish
French
German
Italian
Japanese

or

▲ Channels ▼
✓ USA - 102
CMDY - 104
TVland - 106
✓ LIFE - 108
FOOD - 110
✓ HGTV - 112
E! - 114
GAME - 116
A&E - 118

CANCELING A PROCEDURE

To cancel a procedure, you *must* press the remote control Cancel or View button *before* you do the last step of the procedure. If this does not work, you *must* finish the procedure.

You can cancel a procedure in any of three ways:

- If you want to return to watching a program, press the remote control View button.

- If you want to return to the previous menu, press the Cancel button.

- Wait a few moments and the menu will close, discarding any changes you have made.
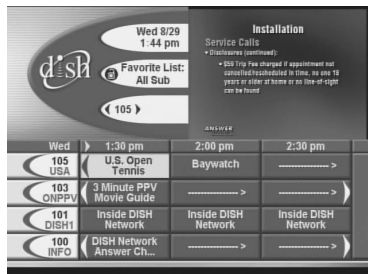
CHANGING CHANNELS

Either: Press the remote control Up or Down arrow button to get to the desired channel.

Or: Use the remote control number pad buttons to enter the desired channel number.

USING THE PROGRAM GUIDE

The on-screen **Program Guide** provides a complete listing of the available channels and programs. You can use the **Program Guide** to change channels, to see what programs are scheduled, and to buy pay per view programs. The **Program Guide** shows which Favorite List is active.

Note: Your Program Guide will look like one of the two shown here.

Tip: You can cancel out of any menu option or the program guide at any time, and *immediately return to viewing a program* by pressing the View button.

Tip: The channel you select may display one of several program information symbols. If the program is on a channel that is not part of your subscription, the channel will be in red.

If the **All Sub** list is active, the **Program Guide** displays only the channels in your subscription. If another list is active, the **Program Guide** displays *only* the channels in that list.

- A *red* background behind a channel shows that you have not subscribed to that channel. You *cannot* tune in to this channel.

- The **Program Guide** shows programs that are on now and that are scheduled up to two days in advance. The guide does *not* show programs that have ended. You can set up the **Program Guide** to list channels in *ascending* order, with the highest channel number at the top, or in *descending* order, with the highest channel number at the bottom. To do this, open the **Main Menu**. Then, select the **System Setup** option. Finally, select the **Channel Order** option, select the **Ascending** or **Descending** option, and select the **Save** option.

  This receiver allows you to see the program you are watching in a corner of the **Program Guide**. To do this, open the **Main Menu**. Then, select the **System Setup** option. Finally, select the **Guide Displays** option, select the **Partial Guide With Video** option. If you prefer a bigger guide (with no program displayed), select the **Full Guide Without Video** option, and select the **Save** option. When you first display the inset, there may be a brief delay before a picture appears.

- You can set up the **Program Guide** to hide adult channels. See *Hiding Adult Channels* on page 47.

OPENING THE PROGRAM GUIDE

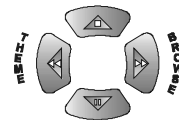**Either**: Press the Guide button.

Or:

1. Press the Menu button to display the **Main Menu**.

2. Select the **Program Guide** option.

SELECTING A PROGRAM IN THE PROGRAM GUIDE

1. Use the number pad buttons to enter the desired channel number. The **Program Guide** displays a block of channels including the one that you just entered.

2. Use the Up/Down/Left/Right buttons to move the highlight to the desired program.

3. You may press the Information button for more information about the highlighted program. Press the Cancel button to return to the **Program Guide**.

4. Press the Select button to change to the new channel.

5. You may press the Page Up or Page Down arrow button to scan, page by page, through the listing of channels.

   Note: The remote *must* be in SAT mode to do this.

   Note: The use of these buttons in VCR mode is covered in the section titled *Control Other Devices with the Remote* beginning on page 53.

   You may skip the display forward or backward. To do this, enter the number of hours that you want to skip, using the number pad buttons (the number of hours you choose to skip forward or backward will be displayed in the white area third from the top of the Program Guide). Then, press the Left or Right arrow button.

   Note: The **Program Guide** can display programs scheduled for some time beyond the present, but *cannot* display programs that have ended.

CLOSING THE PROGRAM GUIDE

To close the **Program Guide** and not change the channel, press the remote control Cancel button. The receiver displays the program you were watching before you opened the **Program Guide**.

DISPLAYING PROGRAM INFORMATION

USING THE PROGRAM BANNER

The **Program Banner** provides information about the program you are watching. The receiver displays the **Program Banner** for a few seconds at the top of the TV screen every time you change the channel or press the remote control View button.

Note: Your Program Banner may look a bit different than the one shown here.

USING THE BROWSE BANNER

You can use the **Browse Banner** to change channels, or to see what other programs are available without changing the program that you are watching. The receiver displays information on the program you are watching at the top and **Browse Banner** information at the bottom of the TV screen. Press the Up or Down arrow to see what programs are playing on the channels above or below the one you are viewing. Information on these programs appears at the bottom of the TV screen.

Note: If the **All Chan** Favorite List is active, the **Browse Banner** displays all the channels. If the **All Sub** list is active, the **Browse Banner** displays only the channels in your subscription. If another list is active, the **Browse Banner** displays *only* the channels in that list.

If you have set up the **Program Guide** to hide adult channels and the receiver is locked, the **Browse Banner** does *not* display such channels.

OPENING THE BROWSE BANNER

To open the **Browse Banner**, press the remote control Right arrow button. An example of an open **Browse Banner** is shown below.

DISPLAYING INFORMATION ON OTHER PROGRAMS

1. Press the remote control Right arrow button to open the **Browse Banner** for the program that you are watching

   Note: Your **Browse Banner** may look a bit different than the one shown here.

2. **Either**: Enter the channel number for the program that you want, using the number pad buttons

   Or: Press the Up or Down arrow button to display the channel that you want.

3. Press the Right arrow button to display the next program. Press the Left arrow button to return to the current program.

   Note: The **Browse Banner** displays programs that are on now. If you press the Right Arrow, it will display information on the program that is on next on the same channel. It does not display information for any other programs in the future and cannot display programs that have ended.

4. You may press the Information button for more information about the program listed.

CHANGING CHANNELS USING THE BROWSE BANNER

If you are using the **Browse Banner** and see a program that you want to watch, press the Select button to change to the new channel. Make sure the program is displayed in the bottom part of the **Browse Banner**.

Note: If the program is on some time in the future, the receiver will open the **Create An Event Timer** menu.

CLOSING THE BROWSE BANNER

To close the **Browse Banner**, press the remote control Cancel button. The receiver stays tuned to the program you are watching.

ORDERING PAY PER VIEW PROGRAMS

1. Highlight the desired pay per view program in the **Program Guide** and press the Select button.

    Note: If any lock is in effect that covers the pay per view program, you must enter the password using the number pad buttons. As soon as you enter the fourth digit of the password, the receiver highlights the **OK** option.

2. Press the Select button.

3. **Either:** *To buy the pay per view program*, select the **Yes** option. The receiver displays a *confirmation* menu. Go on to step 4.

    Or: *If you do not want to buy the pay per view program*, press the Up or Down arrow button (if you are watching a program), or select the **No** or **Cancel** option. If you do this, you can stop here.

    At the *confirmation* menu:

4. **Either**: Select the **Yes** option to *confirm* the purchase. The pay per view fee will be added to your bill.
    Or: Select the **No** or **Cancel** option to *cancel* the purchase.

    Note: Once you *confirm* an order for a pay per view program, you *cannot* cancel the order and you will be billed for it.

USING THEMES

Tip: Want to see what movies or sports events are available for viewing? Just press the left arrow (or Themes button) and use the up/down/left/right arrows to move to the theme that interests you. Press Select and you'll see what's playing.

You can list and choose programs by the theme of their contents, *for example*, just movies or just sports. You can then quickly list programs based on that theme, and choose the program you want.

1. **Either**: While watching a program, press the Left arrow button to display the **Theme Categories** menu.

    Or: Press the Menu button, and then select the **Themes** option to display the **Theme Categories** menu. Select the option for a category. This displays a list of programs in the category.

2. **Either**: Select either the Page Up or Page Down option to page through the list of programs.

    Or: Press the Page Up or Page Down arrow button to scan, page by page, through the listing of channels.

Note: The remote *must* be in SAT mode to do this.

3. Highlight the desired program in the program list.

4. Press the Select button to watch the program.

   Note: If the program you highlighted is on some time in the future, the receiver will open the **Create An Event Timer** menu.

USING FAVORITE LISTS

Favorite Lists are lists of your favorite channels. You can create and change the lists yourself, adding and removing channels as you wish. You can have an unlimited number of favorite channels but they must be grouped into no more than four lists. For example, one Favorite List could have 100 channels and a second list only 10. Or all four lists could have 50 channels each.

- When you make a Favorite List active, the **Program Guide** displays *only* the channels in that list. Also, the receiver skips channels that are not on the list when you use the remote control Up or Down arrow button to change channels.

- The **All Chan** Favorite List contains all the channels. You *cannot* make any changes to the **All Chan** list.

- The **All Sub** Favorite List contains all the channels in your subscription. You *cannot* make any changes to the **All Sub** list, except by changing your subscription.

- If you choose a program using **Theme Categories**, the receiver tunes to the channel for that program whether or not that channel is on the active Favorite List.

- Each Favorite List has a unique color in the **Program Guide**. You can give each list a name. When you first get the receiver, the four lists are named **List 1**, **List 2**, **List 3**, and **List 4**. The lists are empty until you add channels to them.

CREATING OR CHANGING A FAVORITE LIST

You can create, add channels to, and remove channels from, a **Favorite List**.

1. Press the Menu button.   MENU

2. Select the **Favorites** option.   *4*

3. Select the Favorite List that you want to create or change.

4. Select the **Modify List** option.

Tip: Favorite lists let you create lists of your favorite channels. Press the Program Guide button until the name of your list appears. This way you can quickly see what programs are playing on just those channels and not every channel in your subscription.

Note: At any time you can select the **Clear List** option to remove all channels from the current list. This does *not* apply to the **All Chan** and **All Sub**.

5. In the **Channels** list, highlight a channel you want to add to the **Favorite List**.

   Note: You can use the number pad buttons to enter the channel number, or select the Page Up or Page Down option to move quickly through the list.

6. Press the Select button to add the highlighted channel to the **Favorite List**. A check mark appears next to the channel.

7. Repeat steps 5 and 6 until you have added all the channels that you want.

8. To delete a channel from the **Favorite Lists**, select the channel in the list. The check mark next to the channel disappears.

9. Select the **Save** option to save all changes to the Favorite List.

MAKING A FAVORITE LIST ACTIVE

If the **Program Guide** is open, press the Guide button to select the next **Favorite List**. Press the Guide button again to scan through all the available lists.

Note: This works *only* if you have added channels to the **Favorite List**. If you have not created any **Favorite List**, pressing the Guide button switches the receiver between the **All Chan** and **All Sub**.

1. Press the Menu button. MENU

2. Select the **Favorites** option. *4*

3. Highlight the desired **Favorite List**.

4. Select the **Save** option.

Note: If you try to make an empty **Favorite Lists** active, the receiver displays an **Error** message. You *must* add at least one channel to this **Favorite List** *before* you can make it active.

CHANGING THE NAME OF A FAVORITE LIST

1. Press the Menu button.

   MENU

2. Select the **Favorites** option.

   4

3. Select the Favorite List that you want to change.

4. Select the **Edit List Name** option.

   Note: You *cannot* change the name of the **All Chan** or **All Sub** list.

5. Select a letter in the keypad area on the menu. Repeat to spell out the desired name. You can enter up to eight characters, including spaces. If needed, select the **space** option to insert a space in the name or the **<back** option to correct a letter.

   Note: A list *must* have at least one character. Two lists *cannot* have the same name.

   Note: At any time, you can select the **Clear** option to clear the name.

6. Select the **Save** option to save all changes.

USING TIMERS

Event timers allow you to set up the receiver to tune in and/or record a future "event," *that is*, a program. You can set an *automatic* event timer for a program listed with start and stop times in the **Program Guide**. A *manual* event timer allows you to set custom start and stop times for a timer.

EVENT TIMER TYPES

Reminder Reminds you that a program is about to start.
Auto-Tune Reminds you that a program is about to start; tunes the receiver to the program when it begins.
VCR Reminds you that a program is about to start; tunes the receiver to the program when it begins; starts a VCR to record the program.

Note: Most TV programs and films are copyrighted. In some cases, copyright law may apply to private, in-home recording.

Tip: You can use an Auto-Tune event timer to remind you that a program is about to start and then automatically tune the receiver to the right channel.

EVENT TIMER FREQUENCIES

Once Applies to a one-time program. If the program time changes, this timer operates at the *new* time. The receiver *deletes* this timer when the timer operates.

Mon.-Fri. Applies to a program that is scheduled for Monday through Friday on the same channel at the same time each day.

Daily Applies to a program that is scheduled for Monday through Sunday on the same channel at the same time each day.
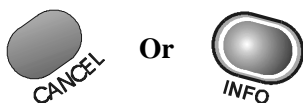
Weekly Applies to a program that is scheduled for once a week on the same channel at the same time on the same day.

Note: You can record only the program to which the receiver is tuned. If you open any menu (including the Program Guide) while recording a program on videotape, the menu also will be recorded. If you change the volume or press the Mute button, the volume change may be recorded — depending on how your TV and VCR are set up. If a program time changes by more than twenty-four hours, the timer will not operate.
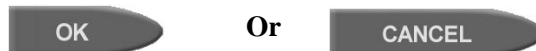
BEFORE AN EVENT TIMER OPERATES

Five minutes before an event timer operates, the receiver displays a small blinking "clock" symbol on the TV screen. This symbol disappears when the program begins. While the symbol is displayed, you may do either one of the following.

Either: Press the remote control Cancel button to clear the symbol from the TV screen. This does *not* affect the timer; it *will* operate.
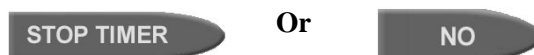
Or: Press the remote control Information button to see more information on the event timer. If you do this, you will have the following choices:

Select the **OK** or **Cancel** option to continue with the event timer.

Select the **Stop Timer** or **No** option to stop the event timer.

Note: This stops *only* this instance of a *Mon.-Fri.*, *Daily* or *Weekly* timer. The timer *will* operate the next time it is scheduled. To stop all operations of such a timer, you *must* delete the timer. For a *Reminder Event Timer*, instead of having the option to stop the timer, you have the option to tune to the program.

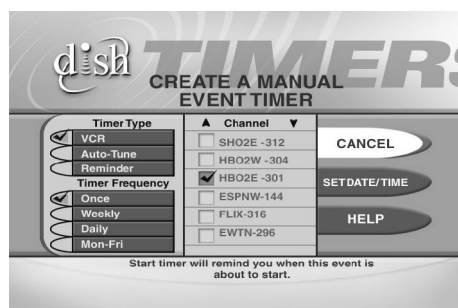## SETTING UP AN AUTOMATIC EVENT TIMER

1. Select a future program using the **Browse Banner, Themes Menu** or the **Program Guide**.

2. Select a **Timer Type** option.

3. Select a **Timer Frequency** option. Notice that a check mark displays in the box.

4. Select the **Create** option to save the event timer.

5. The receiver displays a timer symbol in the **Program Guide**, and also when you press the Information button to get information about the program.

SETTING UP A MANUAL EVENT TIMER

1. Press the Menu button.   MENU

2. Select the **Timers** option.

Tip: You may start any timer one minute early. But if you set back-to-back event timers and the second one starts early, the first one will end early. An event timer cannot start early for a pay per view program.

Tip: Use the *Program Guide* or your printed television guide to see when the program(s) starts and stops — before you go to the *Set Date/TIme for Manual Timer menu.*

3. Select the **Create** option. The receiver displays the **Create a Manual Event Timer** menu.

4. Select a **Timer Type** option.

5. Select a **Timer Frequency** option.

6. Select a channel:

    Either: Highlight a channel using the Up or Down arrow button. Then, press the Select button.

    Or: Enter a channel number using the number buttons.

7. Select the **Set Date/Time** option. The receiver displays the **Set Date/Time for Manual Timer** menu.

    SET DATE/TIME

8. Use the number buttons to enter the **Start Time** (this includes selecting **AM** or **PM**) and the **End Time**, (this includes selecting **AM** or **PM**).

    SET DATE/TIME

9. Use the number buttons to enter the **Date**.

10. Select the **Create Timer** option.

11. To create another event timer,
    Either: select the **Create** option again.

    CREATE   **Or**   CANCEL

    Or: If you do not want to create another event timer, press the Cancel button.

    Note: You cannot set a manual event timer for a pay per view event.

QUICK RECORD

You can quickly create a one-time *VCR Event Timer*. Do the following.

1. Highlight a future program in the **Browse Banner**, the **Program Guide** or a **Themes** menu.

2. Press the Record button.

    Note: For this record function to work, you must set up the receiver to control your VCR. See page 41 for more information.

3. The receiver displays the **Create an Event Timer** menu.

4. If you want to start the timer one minute early, select the **Start 1 min. early** option.
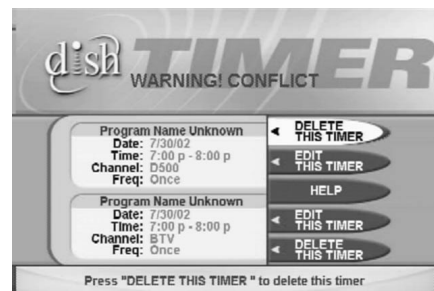

5. Select the **Yes** option.

OVERLAPPING EVENT TIMERS

If you try to create event timers for overlapping programs, the receiver displays a menu with the dates and times of both programs. The receiver also displays this menu if a program time has changed, causing one timer to overlap another. You *must* delete *or* edit one of the timers.

MAXIMUM NUMBER OF EVENT TIMERS

You can create a limited number of event timers. If you try to create more, the receiver displays a menu giving you the option to delete an existing timer. If you do not delete an existing timer, you will *not* be able to create any new ones.

Note: The receiver deletes *Once* event timers when they operate. You *must* delete all other types of event timers yourself.

EDITING AN EVENT TIMER

- You can edit almost any feature of an event timer.

- You can edit both *automatic* and *manual* event timers.

- Editing an *automatic* event timer *converts* the timer to a *manual* event timer that operates at the times you set, *not* the actual program times.
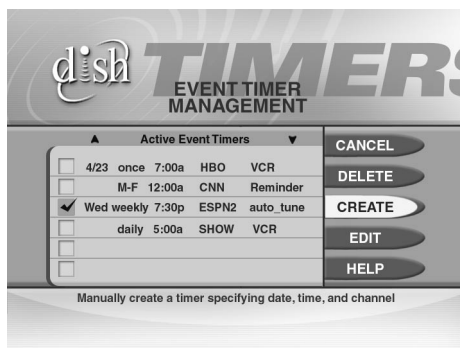
1. Press the **Menu** button.

   MENU

2. Select the **Timers** option.

   7

3. The receiver displays the **Event Timer Management** menu.

Tip: Remember that editing an automatic event timer converts the timer to a manual event timer. This is why the receiver displays the Edit a Manual Event Timer menu.

4. Select the event timer that you want to edit. A check mark appears in the box next to the event timer. Select the **Edit** option.

   EDIT

5. You may change the **Timer Type**, **Timer Frequency**, or **Channel**. To do this, select each option that you want.

6. If you want to change the **Start Time**, the **End Time**, or the **Date**, select the **Set Date/Time** option to display the **Set Date/Time for Manual Timer** menu. Otherwise, skip to step 9, below.

   SET DATE/TIME

7. Use the number buttons to enter the **Start Time** (this includes selecting **AM** or **PM**) and the **End Time** (this includes selecting **AM** or **PM**).

8. Use the number buttons to enter the **Date**.

9. Select the **Create Timer** option.

    CREATE TIMER

10. To edit another event timer,
    Either: highlight that timer and select the **Edit** option again.

    Or: If you do not want to edit another event timer, press the Cancel button.

DELETING AN EVENT TIMER

1. Press the Menu button.   MENU

2. Select the **Timers** option.   **7**

    The receiver displays the **Event Timer Management** menu.

3. Select an event timer that you want to delete. A check mark appears in the box next to the event timer.

4. Move to **Delete** and press Select on the remote.

    DELETE

    Do this again for any other timer(s) that you want to delete.

REVIEWING EVENT TIMERS

You can review event timers by using the **Event Timer Management** menu.

1. Press the Menu button.   MENU

2. Select the **Timers** option.   **7**

The receiver displays the **Event Timer Management** menu.

Creating VCR Event Timers

•   To use *VCR Event Timers*, you *must* connect the receiver's back panel audio/video outputs to the audio/video inputs on the VCR.

•   To use *VCR Event Timers*, you *must* set up the receiver to control the VCR (see page 41 to learn how to do this). If the receiver *can't* control the VCR, use an *Auto-Tune Event Timer* to tune the receiver to the channel you want to record. Use the timers built into the VCR to start and stop the VCR at the right times.

LOCKS, BLACKED-OUT PROGRAMS, AND EVENT TIMERS

You *must* enter the receiver password *before* you can create an automatic event timer for a locked program, and you must order a pay per view program *before* you can create such a timer for it. You can create a manual event timer for a locked program *without* entering the password. However, if you do this, or if the program is blacked out in your area, when the event timer operates the receiver may display *only* an error or password entry menu. If you have set a *VCR Event Timer*, the VCR will record *only* that menu.

POWER OFF AND EVENT TIMERS

If the receiver is OFF at the time an *Auto-Tune* or *VCR Event Timer* is scheduled to operate, the receiver will turn ON. Once the event has ended, the receiver will turn OFF, unless you pressed any remote control or receiver front panel buttons during the time that the timer was active.

If the receiver is OFF at the time a *Reminder Event Timer* is scheduled to operate, the timer will turn the receiver ON and tune it to the channel you last watched. The receiver will then display the reminder menu. You will have a few seconds to respond. If you do not respond to the reminder menu, the receiver will turn OFF.

SETTING UP THE RECEIVER AND VCR TO USE A VCR EVENT TIMER

The receiver uses an IR signal to control the VCR. This signal is much stronger than the signal the remote uses, so it can bounce off walls or other objects on its way to the VCR. This works in most home setups. However, shelves or smoked glass doors between the receiver and the VCR may block the signal. Also, if the signal must cross a very large room, or bounce off curtains, it may not be strong enough to control the VCR. Make sure that nothing blocks the signal, and that the signal can bounce off relatively nearby, light-colored, smooth surfaces.

1. Press the Menu button.   MENU

2. Select the **System Setup** option.   **6**

3. Select the **Installation** option.   **1**

4. Select the **VCR Setup** option.   **7**

5. **Either**: Enter the 3-digit code number, from the tables, using the number pad buttons.

   Note: The tables containing the code number you need to program your remote to control a VCR can be found in the instructions that came with the remote.

   Or: Highlight each digit of the VCR code, and then press the Up or Down arrow button until you reach the correct number and then press Select.
   Make sure the VCR is turned ON and the switch is set to 3 or 4 (whichever you use). Insert a rewound tape on which you want to record. The receiver starts the VCR recording, but does not turn ON the VCR, so you must do this yourself.

6. To test the new code, highlight the **Test** option. The receiver displays a message warning you to make sure the VCR is turned ON.

Tip: For information on programming the remote, please turn to the section titled *Control Other Devices with the Remote* that begins on page 53

7. Press the Select button to start the test. Your VCR records for a few seconds, stops, and then rewinds. The receiver displays a message saying that your VCR test is complete. Follow the instructions on the message. If your VCR did not do the test, enter another code from the table. Repeat step 6 and this step.

Once you have found the correct VCR code:

Either: Select the **Save** option to save the VCR code you entered and return to the **Installation and Setup** menu,

Or: If you want to return to the **Installation and Setup** menu without saving the VCR code just entered, press the Cancel button.

USING LOCKS

ATTENTION!

First you set the locks; then you lock the receiver. You must lock the receiver in order to put any locks into effect. If you unlock the receiver, leave the locks unchanged, and then lock the receiver again, the same locks will be in effect as before.

HOW TO SET LOCKS: A TWO STEP PROCESS

1. Create the locks that you want.

2. Lock the receiver.

   Once the receiver is locked, anyone who wants to access locked items *must* enter the password.

WHEN YOU HAVE LOCKED THE RECEIVER

- If you try to access a locked item or open the **Parental and System Locks** menu, the receiver displays a message prompting you to enter the password.

- The receiver allows you three tries to enter the correct password. If you fail to enter the correct password, the receiver does not allow more tries for several minutes.

- If you enter the correct password, you can access the locked item or open the **Parental and System Locks** menu.

- If you exit a locked item or close the **Parental and System Locks** menu, you *must* enter the password again to access the item or open the menu again.

CREATING A PASSWORD

You must lock the receiver for any receiver Parental Locks you set to take effect. To lock the receiver, *you must first create a password.* If you forget your password, you will need to speak with a Customer Service Representative.

To create a password:

1. Press the Menu button to display the **Main** menu.   **MENU**

2. Select the **Locks** option to display the **Parental and System Locks** menu.

    Note: If the receiver displays a message prompting you to enter a password, the receiver has already been locked.

3. Select the **Lock System** option. The receiver displays a message prompting you to enter a password.

    Note: If this option appears as **Unlock System** instead, the receiver is already locked.

4. Enter and verify a password, using the number pad buttons. The receiver displays stars (*) as you enter the digits of the password.

5. *Memorize your password.* From now on, you must enter this password to lock or unlock the receiver.

6. Highlight and select the **OK** option. Re-enter the password. All the locks you have set are now in effect.

CREATING OR CHANGING RATING (CONTENT) CODE LOCKS

Do the following to set program locks based on rating codes. Then, when the receiver is locked, *only* someone who knows the password can watch these programs.

1. Press the Menu button.   **MENU**

2. Select the **Locks** option.

If the receiver is locked, enter the password using the number pad buttons. The receiver displays stars (*) as you enter the digits of the password. As soon as you enter the fourth digit of the password, the receiver highlights the **OK** option. Press the Select button.

3. Select the **Ratings Locks** option.

ATTENTION!

Please be aware of the following:

The locks use the codes that the original program providers assigned to the programs. The actual content of the programs may differ from their assigned ratings. No rating system can guarantee that all objectionable material is screened out. Like all other locks, these locks are only in effect when the receiver is locked.

You can lock any program, including pay per view programs. The locks built into some televisions do not apply to satellite programs.

**Television program ratings differ from movie ratings.**

Highlight the rating that corresponds to the lowest acceptable audience age. Press the Select button to lock the highlighted rating.

Note: All ratings that are more restrictive than the selected rating are also selected. *For example*, if you lock PG-13 rated programs, then all programs with the R, NC-17, and NR/AO ratings are also locked.

4. Select the expanded rating code(s), if you want to also lock these ratings.

5. To unlock a rating code, highlight the code and press Select.

6. Select the **Save** option to save the changes.

7. If the receiver is not locked, you must lock it to put the locks you just created into effect.

CREATING OR CHANGING CHANNEL LOCKS

Note: You can lock *any* channel, including pay per view channels.

1. Press the Menu button. MENU

2. Select the **Locks** option. **5**

3. If the receiver is locked, enter the password using the number pad buttons. The receiver displays stars (*) as you enter the digits of the password. As soon as you enter the fourth digit of the password, the receiver highlights the **OK** option. Press the Select button.

   Select the **Channel Locks** option. **2**

4. Highlight the channel that you want to lock. If necessary, press the Up or Down arrow button to see the desired channel. You can also enter each channel number using the number pad buttons.

5. Press the Select button to lock or unlock the highlighted channel. If the checkbox next to the channel has a checkmark, the channel is locked.

6. Select the **Save** option to save the changes.

If the receiver is not already locked, you must lock it to put the locks you just created into effect.

LOCKING THE RECEIVER

1. Press the Menu button. **MENU**

2. Select the **Locks** option. **5**

3. Select the **Lock System** option. **3**

The receiver displays a message prompting you to enter a password.

Note: If this option appears as **Unlock System** instead, the receiver is already locked.

4. Enter and check a password, using the number pad buttons. The receiver displays stars (*) as you enter the digits of the password. *Memorize your password.* From now on, you *must* enter this password to lock or unlock the receiver.

5. Select the **OK** option. Enter the password again.

UNLOCKING THE RECEIVER

If you unlock the receiver, leave the locks unchanged and then lock the receiver again, the same locks will be in effect as before.

1. Press the Menu button to display the **Main Menu**. MENU

2. Select the **Locks** option. **5**

3. With the receiver locked, you must enter the password using the number pad buttons. The receiver displays stars (*) as you enter the digits of the password. As soon as you enter the fourth digit of the password, the receiver highlights the **OK** option.

4. Press the Select button.

5. Select the **Unlock System** option. **3**

If this option appears as **Lock System** instead, the receiver is already unlocked.

LOCKING THE RECEIVER FRONT PANEL CONTROL BUTTONS

This keeps anyone from changing the channel, but it does *not* lock the remote control buttons.

To lock the receiver front panel buttons, do the following:

1. Press the Menu button.   **MENU**

2. Select the **Locks** option.   **5**

If the receiver is locked, enter the password using the number pad buttons. The receiver displays stars (*) as you enter the digits of the password. As soon as you enter the fourth digit of the password, the receiver highlights the **OK** option. Press the Select button.

3. Select the **Front Panel Lock** option.   **4**

4. Select the **Yes** option.

5. If the receiver is not locked, you *must* lock it to put the lock you just created into effect.

UNLOCKING THE RECEIVER FRONT PANEL CONTROL BUTTONS

To unlock the receiver front panel buttons, you must use the remote control.

1. Press the Menu button.   **MENU**

2. Select the **Locks** option.   **5**

If the receiver is locked, enter the password using the number pad buttons. The receiver displays stars (*) as you enter the digits of the password. As soon as you enter the fourth digit of the password, the receiver highlights the **OK** option. Press the Select button.

3. Select the **Front Panel Lock** option.   **4**

4. Select the **Yes** option.

LOCKING PAY PER VIEW PROGRAMS

This locks all pay per view channels.

You also can lock one or more pay per view channels by using channel locks or rating locks.

1. Press the Menu button.

2. Select the **Locks** option.

If the receiver is locked, enter the password using the number pad buttons. The receiver displays stars (*) as you enter the digits of the password. As soon as you enter the fourth digit of the password, the receiver highlights the **OK** option. Press the Select button.

3. Select the **Lock PPV** option.

4. If the receiver is not locked, you *must* lock it to put the lock you just created into effect.

To unlock pay per view programs:

5. Press the Menu button.

6. Select the **Locks** option.

If the receiver is locked, enter the password using the number pad buttons. The receiver displays stars (*) as you enter the digits of the password. As soon as you enter the fourth digit of the password, the receiver highlights the **OK** option. Press the Select button.

7. Select the **Unlock PPV** option.

Note: When you select this option, you unlock *all* pay per view channels.

Note: If you use a password to unlock a one-time event, *all* other pay per view channels remain locked.

Tip: If this option appears as Unlock PPV instead, pay per view programs are already locked.

HIDING ADULT CHANNELS

This keeps the **Program Guide**, **Themes** lists, and the **Browse Banner** from displaying adult channels. It keeps anyone from choosing such channels by using the Up or Down arrow buttons or the remote control number pad buttons.

To hide adult channels, do the following:

1. Press the Menu button. **MENU**

2. Select the **Locks** option. **5**

If the receiver is locked, enter the password using the number pad buttons. The receiver displays stars (*) as you enter the digits of the password. As soon as you enter the fourth digit of the password, the receiver highlights the **OK** option. Press the Select button.

3. Select the **Hide Adult** option. **7**

Note: If this option appears **Unhide Adult** instead, the adult channels are already hidden.

4. If the receiver is not locked, you *must* lock it to put the lock you just created into effect.

To un-hide adult channels, do the following:

1. Press the Menu button. **MENU**

2. Select the **Locks** option. **5**

If the receiver is locked, enter the password using the number pad buttons. The receiver displays stars (*) as you enter the digits of the password. As soon as you enter the fourth digit of the password, the receiver highlights the **OK** option. Press the Select button.

3. Select the **Unhide Adult** option. **7**

OPENING A LOCKED ITEM, OR OPENING THE LOCKS MENU

1. Select an item that is locked. To open the **Parental and System Locks** menu, select the **Locks** option on the **Main Menu**.

2. The receiver displays an **Attention** message telling you that the item or menu is locked.

3. Enter the password using the number pad buttons. The receiver displays stars (*) as you enter the digits. As soon as you enter the fourth digit of the password, the receiver highlights the **OK** option.

4. Press the Select button.

CHANGING THE RECEIVER PASSWORD

1. Press the Menu button.

   MENU

2. Select the **Locks** option.

   5

   If the receiver is locked, enter the password using the number pad buttons. The receiver displays stars (*) as you enter the digits of the password. As soon as you enter the fourth digit of the password, the receiver highlights the **OK** option.

3. Press the Select button.

4. Select the **Change Password** option.

   5

5. Enter the *current* password using the number pad buttons. As soon as you enter the fourth digit of the password, the receiver highlights the **OK** option.

6. Press the Select button.

7. Enter the *new* password using the number pad buttons. As soon as you enter the fourth digit of the password, the receiver highlights the **OK** option.

8. Either**:** Select the **OK** option to change the password.

   Or: If you do not want to change the password, press the Cancel button or select the **Cancel** option. You can stop here.

9. Enter the *new* password again for checking, using the number pad buttons. The receiver displays stars (*) as you enter the digits of the password. As soon as you enter the fourth digit of the password, the receiver highlights the **OK** option. Press the Select button.

   Write down the new password and put it in a safe place. From now on, you *must* enter this password to lock or unlock the receiver.

PERSONAL IDENTIFICATION NUMBER

You can set up a Personal Identification Number (PIN) for call-in requests *only*. Anyone calling the Customer Service Center *must* provide this PIN to make any changes to your account. You may call the Customer Service Center at any time to set up a PIN.

If you forget your PIN, you will need to speak with a Customer Service Representative. The representative may ask for more information to make sure that you are authorized to make changes to your account.

USING CALLER ID

Caller ID displays on your TV the names of people as they call you *if you subscribe* to Caller ID from your local phone company. To use this feature, make sure you have a phone line connected to the receiver and that the Caller ID feature is enabled. After you turn on Caller ID, it stays on until you decide to turn it off.

Note: For best performance, make sure your system is grounded as described in *Grounding the System* on page 94.
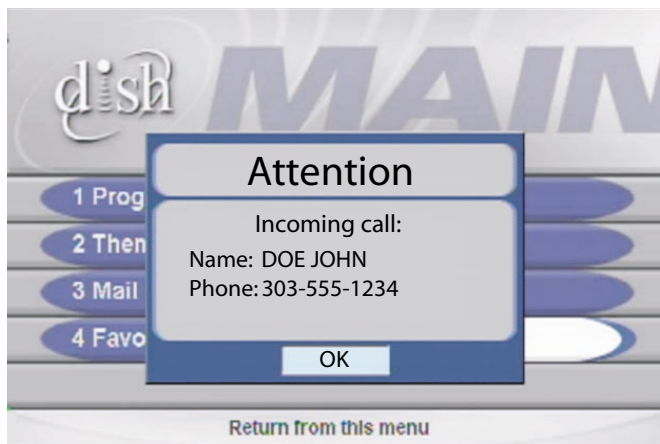
CALLER ID SCREENS

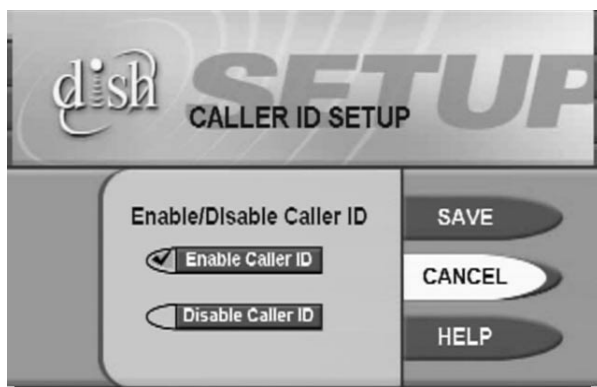When you receive a call, you will see a Caller ID popup screen.

You can select OK to eliminate the message. If you do nothing, it will disappear after 20 seconds.

If you are in a menu when a call comes in, you will see a different Caller ID popup screen.

TO TURN THE CALLER ID ON AND OFF

1. Press Menu on the remote and then 6-1-8. The following screen will display.

2. **Either**: Move the highlight to **Enable Caller ID** and press Select to enable Caller ID.

    Or: Move the highlight to **Disable Caller ID** and press Select to disable Caller ID.

3. Move the highlight to **Save** and press Select.